

CLAIM LISTING

The following listing of Claims will replace all prior versions and listing of claims in the application.

1. (currently amended) A method for organizing a digital image, comprising:
identifying, within the digital image, a set of digitized objects; and
adjusting at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed state, ~~state,~~

2. (original) The method of Claim 1, wherein adjusting affects one or more of a size, a location, and an orientation of the digitized object.

3. (original) The method of Claim 1, further comprising generating the digital image of a set of objects, each of the set of digitized objects being a digital replica of one of the set of objects.

4. (original) The method of Claim 3, wherein the steps of identifying and adjusting are performed automatically upon generation of the digital image.

5. (original) The method of Claim 1 further comprising automatically instructing that the digital image be produced upon performing the steps of identifying and adjusting.

6. (original) The method of Claim 1, wherein adjusting comprises adjusting at least one digitized object within the digital image so that the adjusted digitized object shares a generally uniform state with another digitized object.

7. (original) The method of Claim 1, wherein adjusting comprises for at least one digitized object, aligning that object with and snapping that object to an alignment grid.

8. (original) The method of Claim 7, wherein aligning comprises identifying an alignment axis of that digitized object and rotating that digitized object so that the alignment axis is generally parallel with an axis of the alignment grid.

9. (original) The method of Claim 7, wherein snapping comprises identifying an alignment edge of that digitized object and positioning that digitized object so that the alignment edge is substantially in line with a grid line of the alignment grid.

10. (original) The method of Claim 7, wherein snapping comprises identifying a first edge of that digitized object and a second edge of that digitized object, the first edge being substantially perpendicular to the second edge and positioning that digitized object so that the first edge is substantially in line with a first grid line of the alignment grid and the second edge is substantially in line with a second grid line of the alignment grid.

11. (original) The method of Claim 7, wherein snapping comprises assigning a snap line to the digitized object and positioning that digitized object so that the snap line is substantially in line with a grid line of the alignment grid.

12. (original) The method of Claim 7, wherein:
aligning comprises identifying an alignment axis of that digitized object and rotating that digitized object so that the alignment axis is generally parallel with an axis of the alignment grid; and

snapping comprises identifying an edge of that digitized object and positioning that digitized object so that the identified edge is substantially in line with a grid line of the alignment grid.

13. (original) The method of Claim 1, wherein adjusting comprises adjusting at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed location, orientation, and size.

14. (original) The method of Claim 1, wherein adjusting comprises for each digitized object, aligning the digitized object with and snapping the digitized object to an alignment grid.

15. (original) The method of Claim 14, wherein aligning comprises identifying an alignment axis for the digitized object and rotating the digitized object so that the alignment axis is generally parallel with an axis of the alignment grid.

16. (original) The method of Claim 14, wherein snapping comprises identifying an alignment edge of the digitized object and positioning the digitized object so that the alignment edge is substantially in line with a grid line of the alignment grid.

17. (original) The method of Claim 14, wherein snapping comprises identifying a first edge of the digitized object and a second edge of the digitized object, the first edge being substantially perpendicular to the second edge and positioning the digitized object so that the first edge is substantially in line with a first grid line of the alignment grid and the second edge is substantially in line with a second grid line of the alignment grid.

18. (original) The method of Claim 14, wherein the set of digitized objects has a non-uniform object spacing, and wherein snapping comprises repositioning one or more of the digitized objects to establish a substantially uniform object spacing among the set of digitized objects.

19. (original) The method of Claim 14, wherein snapping comprises repositioning one or more of the digitized objects to establish, across a dimension of the digital image, a substantially uniform object spacing among the set of digitized objects.

20. (original) The method of Claim 19, wherein adjusting also comprises resizing at least one digitized object so that one or more of the digitized objects substantially spans the dimension of the digital image.

21. (original) The method of Claim 14, wherein adjusting also comprises, for each digitized object, resizing the digitized object to at least substantially conform to a pre-selected size.

22. (original) The method of Claim 14, wherein:
aligning comprises identifying an alignment axis of the digitized object and rotating the digitized object so that the alignment axis is generally parallel with an axis of the alignment grid; and
snapping comprises identifying an edge of the digitized object and positioning the digitized object so that the identified edge is substantially in line with a grid line of the alignment grid.

23. (original) A method for organizing a digital image, comprising:
identifying, within the digital image, a set of digitized objects;
providing an alignment grid for the digital image;
for each digitized object:
rotating that digitized object so that an alignment axis of that digitized object is generally parallel with an axis of the alignment grid; and
positioning that digitized object so that an edge of that digitized object is substantially in line with a grid line of the alignment grid; and
wherein the steps of identifying, providing, rotating, and positioning are performed automatically upon generation of the digital image.

24. (original) A computer readable medium having instructions for:
identifying, within a digital image, a set of digitized objects; and
adjusting at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed state.

25. (original) The medium of Claim 24, wherein the instructions for adjusting affect one or more of a size, a location, and an orientation of the digitized object.

26. (original) The medium of Claim 24, having further instructions for generating the digital image of a set of objects, each of the set of digitized objects being a digital replica of one of the set of objects.

27. (original) The medium of Claim 26, wherein the instructions for identifying and adjusting are executed automatically upon generation of the digital image.

28. (original) The medium of Claim 24 having further instructions for automatically instructing that the digital image be produced upon execution of the instructions for identifying and adjusting.

29. (original) The medium of Claim 24 wherein the instructions for adjusting include instructions for adjusting at least one digitized object within the digital image so that the adjusted digitized object shares a generally uniform state with another digitized object.

30. (original) The medium of Claim 24, wherein the instructions for adjusting include, for at least one digitized object, instructions for aligning that object with and snapping that object to an alignment grid.

31. (original) The medium of Claim 30, wherein the instructions for aligning include instructions for identifying an alignment axis of that digitized object and rotating that digitized object so that the alignment axis is generally parallel with an axis of the alignment grid.

32. (original) The medium of Claim 30, wherein the instructions for snapping include instructions for identifying an alignment edge of that digitized object and positioning that digitized object so that the alignment edge is substantially in line with a grid line of the alignment grid.

33. (original) The medium of Claim 30, wherein the instructions for snapping

include instructions for identifying a first edge of that digitized object and a second edge of that digitized object, the first edge being substantially perpendicular to the second edge and positioning that digitized object so that the first edge is substantially in line with a first grid line of the alignment grid and the second edge is substantially in line with a second grid line of the alignment grid.

34. (currently amended) The ~~method~~ medium of Claim 30, wherein snapping comprises assigning a snap line to the digitized object and positioning that digitized object so that the snap line is substantially in line with a grid line of the alignment grid.

35. (original) The medium of Claim 30, wherein the instructions for:
aligning include instructions for identifying an alignment axis of that digitized object and rotating that digitized object so that the alignment axis is generally parallel with an axis of the alignment grid; and
snapping include instructions for identifying an edge of that digitized object and positioning that digitized object so that the identified edge is substantially in line with a grid line of the alignment grid.

36. (original) The medium of Claim 30, wherein the instructions for adjusting include instructions for adjusting at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed location, orientation, and size.

37. (original) The medium of Claim 24, wherein the instructions for adjusting include, for each digitized object, instructions for aligning the digitized object with and snapping the digitized object to an alignment grid.

38. (original) The medium of Claim 37, wherein the instructions for aligning include instructions for identifying an alignment axis for the digitized object and rotating the digitized object so that the alignment axis is generally parallel with an axis of the alignment grid.

39. (original) The medium of Claim 37, wherein the instructions for snapping include instructions for identifying an alignment edge of the digitized object and positioning the digitized object so that the alignment edge is substantially in line with a grid line of the alignment grid.

40. (original) The medium of Claim 37, wherein the instructions for snapping include instructions for identifying a first edge of the digitized object and a second edge of the digitized object, the first edge being substantially perpendicular to the second edge and positioning the digitized object so that the first edge is substantially in line with a first grid line of the alignment grid and the second edge is substantially in line with a second grid line of the alignment grid.

41. (original) The medium of Claim 37, wherein the set of digitized objects has a non-uniform object spacing, and wherein the instructions for snapping include instructions for repositioning one or more of the digitized objects to establish a substantially uniform object spacing among the set of digitized objects.

42. (original) The medium of Claim 37, wherein the instructions for snapping include instructions for repositioning one or more of the digitized objects to establish, across a dimension of the digital image, a substantially uniform object spacing among the set of digitized objects.

43. (original) The medium of Claim 42, wherein the instructions for adjusting also include instructions for resizing at least one digitized object so that one or more of the digitized objects substantially spans the dimension of the digital image.

44. (original) The medium of Claim 37, wherein the instructions for adjusting also include instructions, for each digitized object, resizing the digitized object to at least substantially conform to a pre-selected size.

45. (original) The medium of Claim 37, wherein the instructions for:
aligning include instructions for identifying an alignment axis of the digitized object and rotating the digitized object so that the alignment axis is generally parallel with an axis of the alignment grid; and

snapping include instructions for identifying an edge of the digitized object and positioning the digitized object so that the identified edge is substantially in line with a grid line of the alignment grid.

46. (original) A computer readable medium having instructions for:
identifying, within a digital image, a set of digitized objects;
providing an alignment grid for the digital image; and
for each digitized object:

rotating that digitized object so that an alignment axis of that
digitized object is generally parallel with an axis of the alignment grid; and
positioning that digitized object so that an edge of that digitized
object is substantially in line with a grid line of the alignment grid.

47. (original) A digital image organizing system, comprising:
a detection module operable to identify, within the digital image, a set of digitized objects; and

an adjustment module operable to adjust at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed state.

48. (original) The system of Claim 47, wherein the adjustment module is operable to adjust at least one digitized object within the digital image so that the adjusted digitized object shares a generally uniform state with another digitized object.

49. (original) The system of Claim 47, wherein the adjustment module is operable to:

rotate the digitized object so that an alignment axis of the digitized object is

generally parallel with an axis of an alignment grid; and

position the digitized object so that an edge of that digitized object is substantially in line with a grid line of the alignment grid.

50. (original) The system of Claim 47, wherein the adjustment module is operable to adjust at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed location, orientation, and size.

51. (original) The system of Claim 47, wherein the adjustment module is operable to reposition one or more of the digitized objects to establish, across a dimension of the digital image, a substantially uniform object spacing among the set of digitized objects.

52. (original) The system of Claim 47, wherein the adjustment module is operable to resize at least one digitized object so that one or more of the digitized objects substantially spans the dimension of the digital image.

53. (original) The system of Claim 47, further comprising an interface module operable to direct the detection module and the adjustment module to perform their functions upon generation of the digital image.

54. (original) The system of Claim 53, further comprising an interface module operable to send instructions for producing the digital image once the detection module and the adjustment module have performed their functions.

55. (original) A multifunction peripheral, comprising:
a scan engine operable to generate a digital image containing a set of digitized objects, each of the digitized objects being an electronic replica of a physical object;
a detection module operable to identify, within the digital image, a set of digitized objects;
an adjustment module operable to adjust at least one digitized object within the

digital image so that the adjusted digitized object at least substantially conforms to a prescribed state; and

a print engine operable to produce the digital image on a media sheet.

56. (original) The multifunction peripheral of Claim 55, further comprising an interface module operable to direct the detection module and the adjustment module to perform their functions upon generation of the digital image by the scan engine and to instruct the print engine to produce the digital image once the detection module and the adjustment module have performed their functions.

57. (original) A digital image organizing system, comprising:

a means for identifying, within the digital image, a set of digitized objects; and

a means for adjusting at least one digitized object within the digital image so that the adjusted digitized object at least substantially conforms to a prescribed state.